Jonathan N Bella

List of Publications by Citations

91	4,782	34	68
papers	citations	h-index	g-index
102	5,231	4.6	4.47
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
91	Mitral ratio of peak early to late diastolic filling velocity as a predictor of mortality in middle-aged and elderly adults: the Strong Heart Study. *Circulation*, **2002**, 105, 1928-33	16.7	339
90	Left atrial diameter as an independent predictor of first clinical cardiovascular events in middle-aged and elderly adults: the Strong Heart Study (SHS). *American Heart Journal*, **2006**, 151, 412-8	4.9	284
89	Reliability of echocardiographic assessment of left ventricular structure and function: the PRESERVE study. Prospective Randomized Study Evaluating Regression of Ventricular Enlargement. *Journal of the American College of Cardiology*, **1999**, 34, 1625-32	15.1	284
88	Effect of type 2 diabetes mellitus on left ventricular geometry and systolic function in hypertensive subjects: Hypertension Genetic Epidemiology Network (HyperGEN) study. *Circulation*, **2001**, 103, 102-7	16.7	255
87	Impact of different partition values on prevalences of left ventricular hypertrophy and concentric geometry in a large hypertensive population : the LIFE study. *Hypertension*, **2000**, 35, 6-12	8.5	200
86	Relations of left ventricular mass to fat-free and adipose body mass: the strong heart study. The Strong Heart Study Investigators. *Circulation*, **1998**, 98, 2538-44	16.7	199
85	Effects of once-daily angiotensin-converting enzyme inhibition and calcium channel blockade-based antihypertensive treatment regimens on left ventricular hypertrophy and diastolic filling in hypertension: the prospective randomized enalapril study evaluating regression of ventricular enlargement (preserve) trial. *Circulation*, **2001**, 104, 1248-54	16.7	181
84	Normalization for body size and population-attributable risk of left ventricular hypertrophy: the Strong Heart Study. *American Journal of Hypertension*, **2005**, 18, 191-6	2.3	167
83	Differences in left ventricular structure between black and white hypertensive adults: the Hypertension Genetic Epidemiology Network study. *Hypertension*, **2004**, 43, 1182-8	8.5	155
82	Change in diastolic left ventricular filling after one year of antihypertensive treatment: The Losartan Intervention For Endpoint Reduction in Hypertension (LIFE) Study. *Circulation*, **2002**, 105, 1071-6	16.7	154
81	Left ventricular filling patterns in patients with systemic hypertension and left ventricular hypertrophy (the LIFE study). Losartan Intervention For Endpoint. *American Journal of Cardiology*, **2000**, 85, 466-72	3	140
80	Separate and joint effects of systemic hypertension and diabetes mellitus on left ventricular structure and function in American Indians (the Strong Heart Study). *American Journal of Cardiology* , **2001**, 87, 1260-5	3	126
79	Comparison of cardiac structure and function in American Indians with and without the metabolic syndrome (the Strong Heart Study). *American Journal of Cardiology*, **2004**, 93, 40-4	3	118
78	Aortic root dilatation at sinuses of valsalva and aortic regurgitation in hypertensive and normotensive subjects: The Hypertension Genetic Epidemiology Network Study. *Hypertension*, **2001**, 37, 1229-35	8.5	112
77	Association of albuminuria with systolic and diastolic left ventricular dysfunction in type 2 diabetes: the Strong Heart Study. *Journal of the American College of Cardiology*, **2003**, 41, 2022-8	15.1	109
76	Urine albumin/creatinine ratio and echocardiographic left ventricular structure and function in hypertensive patients with electrocardiographic left ventricular hypertrophy: the LIFE study. Losartan Intervention for Endpoint Reduction. *American Heart Journal*, **2002**, 143, 319-26	4.9	107
75	Relation of various degrees of body mass index in patients with systemic hypertension to left ventricular mass, cardiac output, and peripheral resistance (The Hypertension Genetic Epidemiology Network Study). *American Journal of Cardiology*, **2001**, 88, 1163-8	3	98

74	Prevalence and correlates of aortic regurgitation in American Indians: the Strong Heart Study. *Journal of the American College of Cardiology*, **2000**, 36, 461-7	15.1	94
73	Aortic valve sclerosis relates to cardiovascular events in patients with hypertension (a LIFE substudy). *American Journal of Cardiology*, **2005**, 95, 132-6	3	79
72	Relation of left ventricular hypertrophy to inflammation and albuminuria in adults with type 2 diabetes: the strong heart study. *Diabetes Care*, **2003**, 26, 2764-9	14.6	73
71	Effect of electrocardiographic left ventricular hypertrophy on left ventricular systolic function in systemic hypertension (The LIFE Study). Losartan Intervention For Endpoint. *American Journal of Cardiology*, **2001**, 87, 54-60	3	65
70	Left ventricular function and hemodynamic features of inappropriate left ventricular hypertrophy in patients with systemic hypertension: the LIFE study. *American Heart Journal*, **2001**, 141, 784-91	4.9	60
69	Left atrial systolic force and cardiovascular outcome. The Strong Heart Study. *American Journal of Hypertension*, **2005**, 18, 1570-6; discussion 1577	2.3	59
68	Left ventricular systolic dysfunction in a biracial sample of hypertensive adults: The Hypertension Genetic Epidemiology Network (HyperGEN) Study. *Hypertension*, **2001**, 38, 417-23	8.5	59
67	Heritability of left ventricular dimensions and mass in American Indians: The Strong Heart Study. *Journal of Hypertension*, **2004**, 22, 281-6	1.9	58
66	Change of left ventricular geometric pattern after 1 year of antihypertensive treatment: the Losartan Intervention For Endpoint reduction in hypertension (LIFE) study. *American Heart Journal*, **2002**, 144, 1057-64	4.9	57
65	Relations of diastolic left ventricular filling to systolic chamber and myocardial contractility in hypertensive patients with left ventricular hypertrophy (The PRESERVE Study). *American Journal of Cardiology*, **1999**, 84, 558-62	3	57
64	Gender difference in diastolic function in hypertension (the HyperGEN study). *American Journal of Cardiology*, **2002**, 89, 1052-6	3	54
63	Relation of left ventricular geometry and function to aortic root dilatation in patients with systemic hypertension and left ventricular hypertrophy (the LIFE study). *American Journal of Cardiology*, **2002**, 89, 337-41	3	53
62	Association of genetic variants and incident coronary heart disease in multiethnic cohorts: the PAGE study. *Circulation: Cardiovascular Genetics*, **2011**, 4, 661-72		48
61	Losartan but not atenolol reduce carotid artery hypertrophy in essential hypertension. A LIFE substudy. *Blood Pressure*, **2005**, 14, 177-83	1.7	47
60	BDNF-mediated enhancement of inflammation and injury in the aging heart. *Physiological Genomics* , **2006**, 24, 191-7	3.6	46
59	Relationship between left ventricular diastolic relaxation and systolic function in hypertension: The Hypertension Genetic Epidemiology Network (HyperGEN) Study. *Hypertension*, **2001**, 38, 424-8	8.5	44
58	Relation of left ventricular geometry and function to systemic hemodynamics in hypertension: the LIFE Study. Losartan Intervention For Endpoint Reduction in Hypertension Study. *Journal of Hypertension*, **2001**, 19, 127-34	1.9	41
57	Gender differences in left ventricular systolic function in American Indians (from the Strong Heart Study). *American Journal of Cardiology*, **2006**, 98, 834-7	3	34

56	Genetic epidemiology of irritable bowel syndrome. *World Journal of Gastroenterology*, **2015**, 21, 11353-61	3.6	33
55	Echocardiographic wall motion abnormalities in hypertensive patients with electrocardiographic left ventricular hypertrophy: the LIFE Study. *Hypertension*, **2003**, 41, 75-82	8.5	33
54	Association of pulse pressure with cardiovascular outcome is independent of left ventricular hypertrophy and systolic dysfunction: the Strong Heart Study. *American Journal of Hypertension*, **2006**, 19, 601-7	2.3	32
53	Prognostic significance of left ventricular diastolic dysfunction in patients with left ventricular hypertrophy and systemic hypertension (the LIFE Study). *American Journal of Cardiology*, **2010**, 106, 999-1005	3	31
52	Genome-wide linkage mapping for valve calcification susceptibility loci in hypertensive sibships: the Hypertension Genetic Epidemiology Network Study. *Hypertension*, **2007**, 49, 453-60	8.5	31
51	Body composition and fat distribution influence systemic hemodynamics in the absence of obesity: the HyperGEN Study. *American Journal of Clinical Nutrition*, **2005**, 81, 757-61	7	31
50	Marked regional left ventricular heterogeneity in hypertensive left ventricular hypertrophy patients: a losartan intervention for endpoint reduction in hypertension (LIFE) cardiovascular magnetic resonance and echocardiographic substudy. *Hypertension*, **2008**, 52, 279-86	8.5	30
49	Efficacy and time-efficiency of a "sonographer-driven" contrast echocardiography protocol in a high-volume echocardiography laboratory. *American Heart Journal*, **2003**, 145, 535-41	4.9	27
48	Appetite suppressants and valvular heart disease in a population-based sample: the HyperGEN study. *American Journal of Medicine*, **2002**, 112, 710-5	2.4	26
47	A longitudinal study of risk factors for incident albuminuria in diabetic American Indians: the Strong Heart Study. *American Journal of Kidney Diseases*, **2008**, 51, 415-24	7.4	25
46	Genetic influences on aortic root size in American Indians: the Strong Heart Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2002**, 22, 1008-11	9.4	25
45	Left atrial systolic force and cardiac markers of preclinical disease in hypertensive patients: the Hypertension Genetic Epidemiology Network (HyperGEN) Study. *American Journal of Hypertension*, **2005**, 18, 899-905	2.3	23
44	Aortic valve sclerosis and albuminuria predict cardiovascular events independently in hypertension: a losartan intervention for endpoint-reduction in hypertension (LIFE) substudy. *American Journal of Hypertension*, **2005**, 18, 1430-6	2.3	23
43	Assessment of arterial compliance by carotid midwall strain-stress relation in normotensive adults. *Hypertension*, **1999**, 33, 787-92	8.5	23
42	Prognostic implications of relations of left ventricular systolic dysfunction with body composition and myocardial energy expenditure: the Strong Heart Study. *Journal of the American Society of Echocardiography*, **2008**, 21, 66-71	5.8	22
41	Effect of losartan versus atenolol on aortic valve sclerosis (a LIFE substudy). *American Journal of Cardiology*, **2004**, 94, 1076-80	3	21
40	Relation of impaired left ventricular filling to systolic midwall mechanics in hypertensive patients with normal left ventricular systolic chamber function: the Losartan Intervention for Endpoint Reduction in Hypertension (LIFE) study. *American Heart Journal*, **2004**, 148, 538-44	4.9	21
39	Hemodynamic Correlates of Abnormal Aortic Root Dimension in an Adult Population: The Strong Heart Study. *Journal of the American Heart Association*, **2015**, 4, e002309	6	20

38	Associations of aortic and mitral regurgitation with body composition and myocardial energy expenditure in adults with hypertension: the Hypertension Genetic Epidemiology Network study. *American Heart Journal*, **2003**, 145, 1071-7	4.9	20
37	Bivariate genetic association of KIAA1797 with heart rate in American Indians: the Strong Heart Family Study. *Human Molecular Genetics*, **2010**, 19, 3662-71	5.6	19
36	Genetic epidemiology of left ventricular hypertrophy. *American Journal of Cardiovascular Disease*, **2012**, 2, 267-78	0.9	18
35	Clinical and echocardiographic correlates of elevated troponin in amyloid light-chain cardiac amyloidosis. *American Journal of Cardiology*, **2012**, 110, 1180-4	3	15
34	Association of inappropriate left ventricular mass with systolic and diastolic dysfunction: the HyperGEN study. *American Journal of Hypertension*, **2004**, 17, 828-33	2.3	15
33	Assessment of arterial compliance by carotid midwall strain-stress relation in hypertension. *Hypertension*, **1999**, 33, 793-9	8.5	14
32	Maximal exercise capacity is related to cardiovascular structure in patients with longstanding hypertension. A LIFE substudy. Losartan Intervention For Endpoint-Reduction in Hypertension. *American Journal of Hypertension*, **2001**, 14, 1205-10	2.3	13
31	COVID-19 in the Healthy Patient Population: Demographic and Clinical Phenotypic Characterization and Predictors of In-Hospital Outcomes. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 2764-2775	8.4	12
30	Is echocardiography essential in the management of newly diagnosed hypertension?. *American Journal of Hypertension*, **2006**, 19, 1156-7	2.3	9
29	Genome-wide linkage analysis of carotid artery lumen diameter: the strong heart family study. *International Journal of Cardiology*, **2013**, 168, 3902-8	3.2	8
28	Left ventricular hypertrophy is associated with reduced vasodilatory capacity in the brachial artery in patients with longstanding hypertension. A LIFE substudy. *Blood Pressure*, **2002**, 11, 285-92	1.7	8
27	Left ventricular torsional mechanics in uncomplicated pregnancy. *Clinical Cardiology*, **2011**, 34, 543-8	3.3	7
26	Contrasting hemodynamic mechanisms of losartan- vs. atenolol-based antihypertensive treatment: a LIFE study. *American Journal of Hypertension*, **2012**, 25, 1017-23	2.3	7
25	Noninvasive measurement and clinical relevance of myocardial twist and torsion. *Expert Review of Cardiovascular Therapy*, **2014**, 12, 1305-15	2.5	6
24	Point-of-care screening for left ventricular hypertrophy and concentric geometry using hand-held cardiac ultrasound in hypertensive patients. *American Journal of Cardiovascular Disease*, **2011**, 1, 119-25	0.9	6
23	Clinical applications and prognostic implications of strain and strain rate imaging. *Expert Review of Cardiovascular Therapy*, **2015**, 13, 853-66	2.5	5
22	Change in pulse pressure/stroke index in response to sustained blood pressure reduction and its impact on left ventricular mass and geometry changes: the life study. *American Journal of Hypertension*, **2008**, 21, 701-7	2.3	5
21	Accessory tricuspid valve leaflet in an asymptomatic adult. *Texas Heart Institute Journal*, **2008**, 35, 327-8	0.8	5

20	Cardiac Evaluation and Monitoring of Patients Undergoing Noncardiac Surgery. *Health Services Insights*, **2017**, 9, 1178632916686074	1.9	4
19	Indexation of left ventricular mass to identify blood pressure-related left ventricular hypertrophy. *American Journal of Hypertension*, **2005**, 18, 1263-5	2.3	4
18	Do electrocardiographic changes with adenosine myocardial perfusion imaging predict ischaemia in patients with left ventricular hypertrophy?. *Nuclear Medicine Communications*, **2004**, 25, 553-6	1.6	4
17	Global Trends in Cardiovascular Disease **2017**, 301-329		3
16	Metabolic syndrome and left ventricular structure and functional abnormalities. *American Journal of Hypertension*, **2006**, 19, 206-7	2.3	3
15	Relation of components of the metabolic syndrome to left ventricular geometry in hispanic and non-hispanic black adults. *American Journal of Cardiovascular Disease*, **2011**, 1, 84-91	0.9	3
14	Preclinical cardiac disease in nonalcoholic fatty liver disease with and without metabolic syndrome. *American Journal of Cardiovascular Disease*, **2019**, 9, 65-77	0.9	3
13	Regional Heterogeneity in 3D Myocardial Shortening in Hypertensive Left Ventricular Hypertrophy: A Cardiovascular CMR Tagging Substudy to the Life Study. *Journal of Biomedical Science and Engineering*, **2015**, 8, 213-225	0.7	3
12	COVID-19 and renin-angiotensin system modulators: what do we know so far?. *Expert Review of Cardiovascular Therapy*, **2020**, 18, 743-748	2.5	3
11	SGLT-2 Inhibition Does Not Improve Left Ventricular Reverse Remodeling in Patients with Diabetes Mellitus Type 2. *Journal of Cardiac Failure*, **2019**, 25, S12	3.3	2
10	Treatment of diastolic dysfunction in hypertensive left ventricular hypertrophy. *American Journal of Hypertension*, **2006**, 19, 937-8	2.3	2
9	Regadenoson administration and QT interval prolongation during pharmacological radionuclide myocardial perfusion imaging. *Indian Heart Journal*, **2020**, 72, 296-298	1.6	2
8	Athens QRS Score as a Predictor of Coronary Artery Disease in Patients With Chest Pain and Normal Exercise Stress Test. *Journal of the American Heart Association*, **2016**, 5,	6	2
7	Evaluation and Monitoring of Patients With Cardiovascular Implantable Electronic Devices Undergoing Noncardiac Surgery. *Health Services Insights*, **2017**, 10, 1178632916686073	1.9	1
6	Validity of electrocardiographic criteria for increased left ventricular mass in young patients in the general population. *World Journal of Cardiology*, **2017**, 9, 248-254	2.1	1
5	Prognostic significance of exercise echocardiography in patients with left ventricular hypertrophy. *American Journal of Hypertension*, **2010**, 23, 706	2.3	0
4	Parental target organ damage and risk of target organ damage in offspring. *Journal of Hypertension* , **2018**, 36, 1022-1023	1.9	
3	Combined atrioventricular longitudinal strain rate during isovolumic contraction predicts pulmonary capillary wedge pressure in patients with systolic dysfunction. *American Journal of Cardiovascular Disease*, **2021**, 11, 530-538	0.9	

2	Anticoagulation for hypercoagulability in severe critical COVID-19: A case series of fading and fatal cycles of microthrombosis. *Journal of Cardiology Cases*, **2021**, 24, 218-222	0.6
1	Relationship Between Marijuana Use and Hospitalization for Acute Coronary Syndrome.. *Cureus*, **2022**, 14, e23317	1.2